

FIG. 1

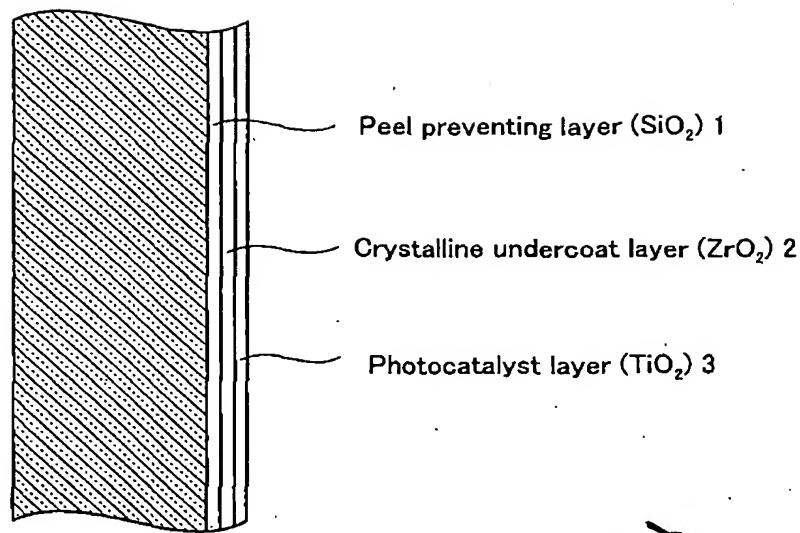
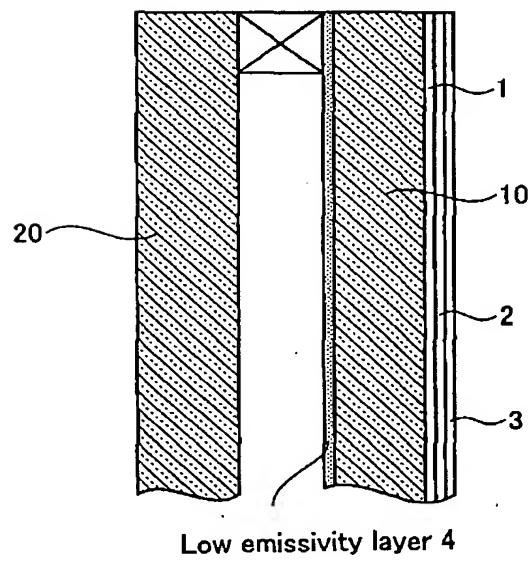


FIG. 2



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FIG. 3

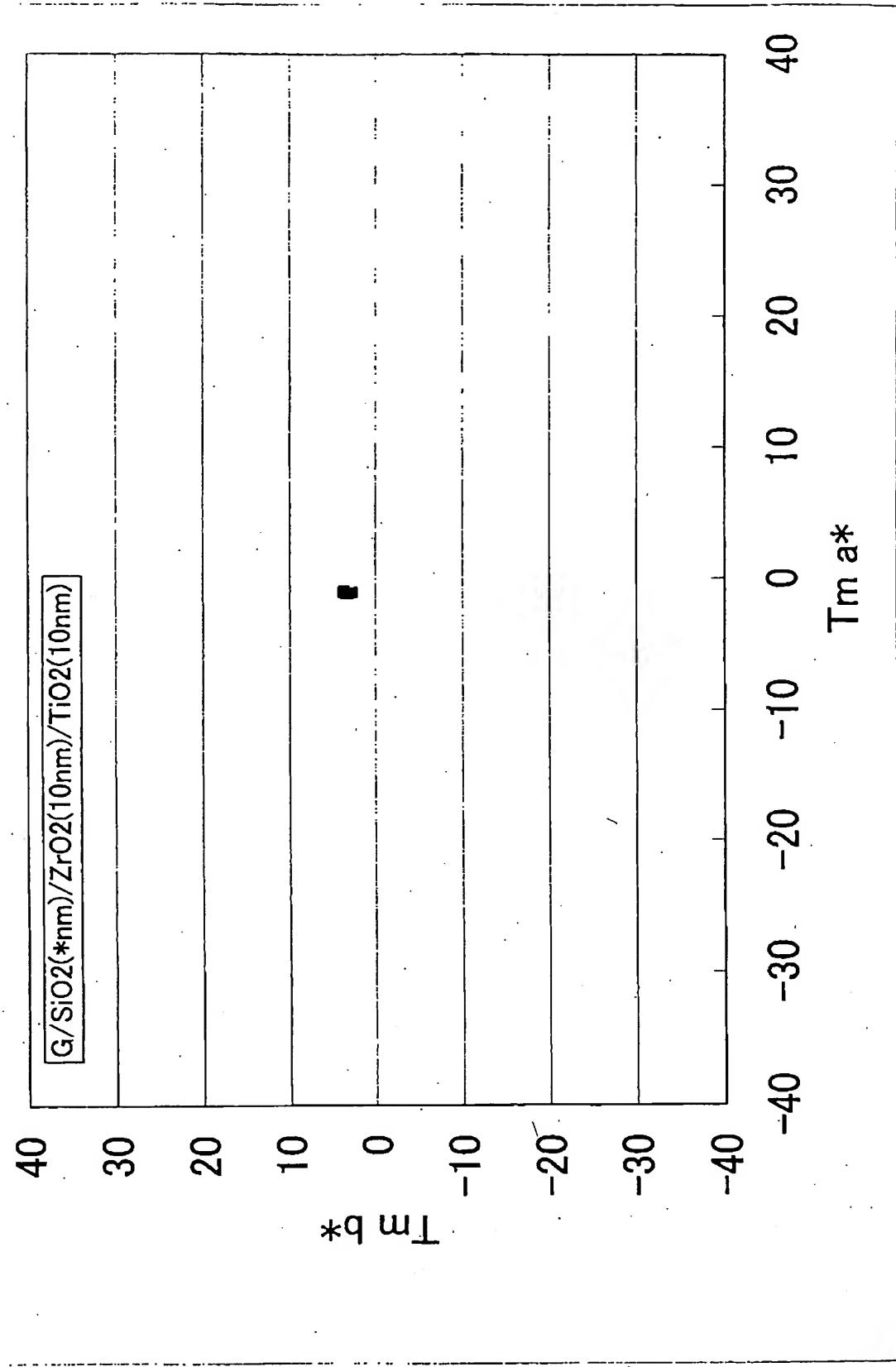


FIG. 4

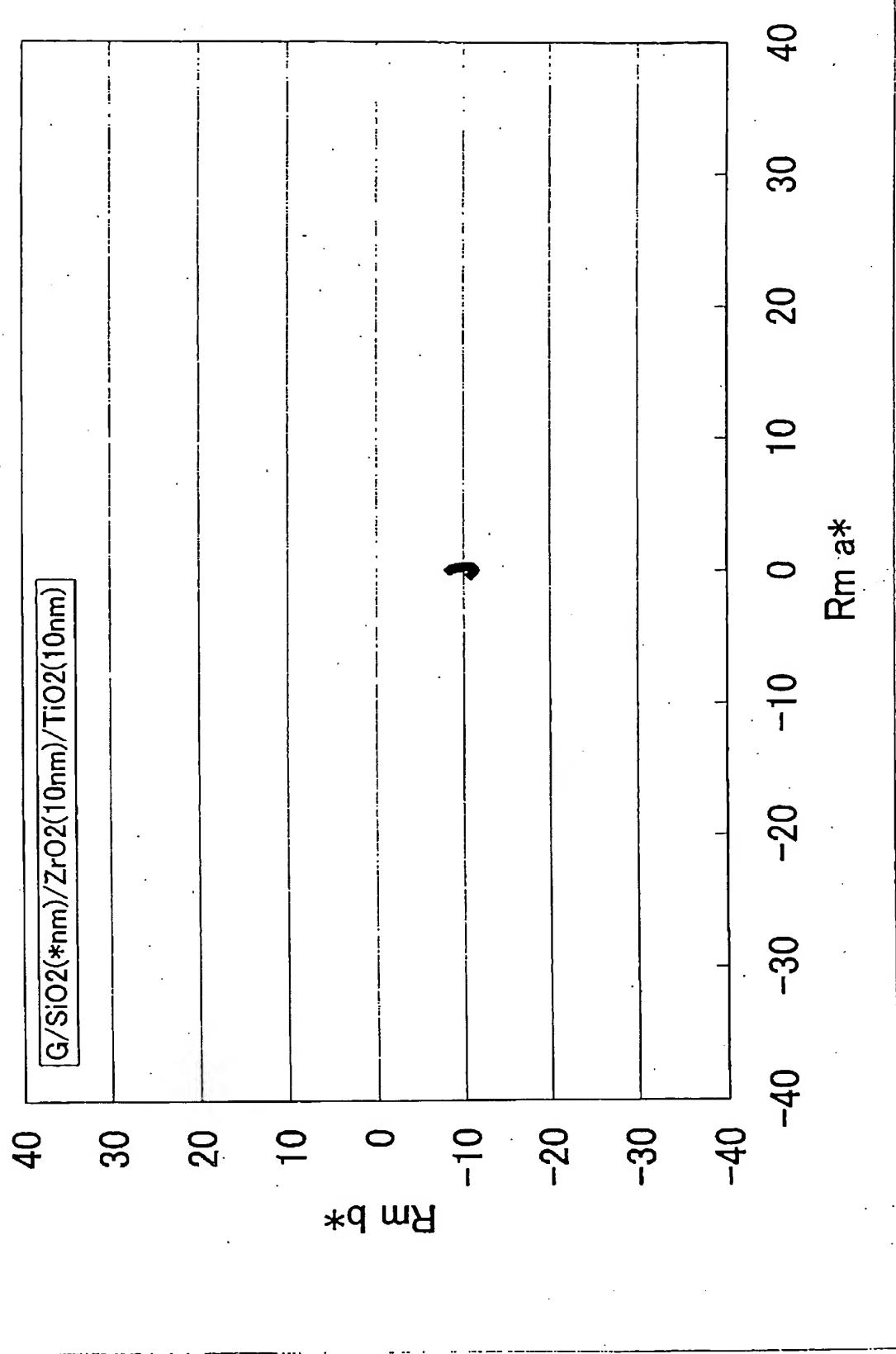


FIG. 5

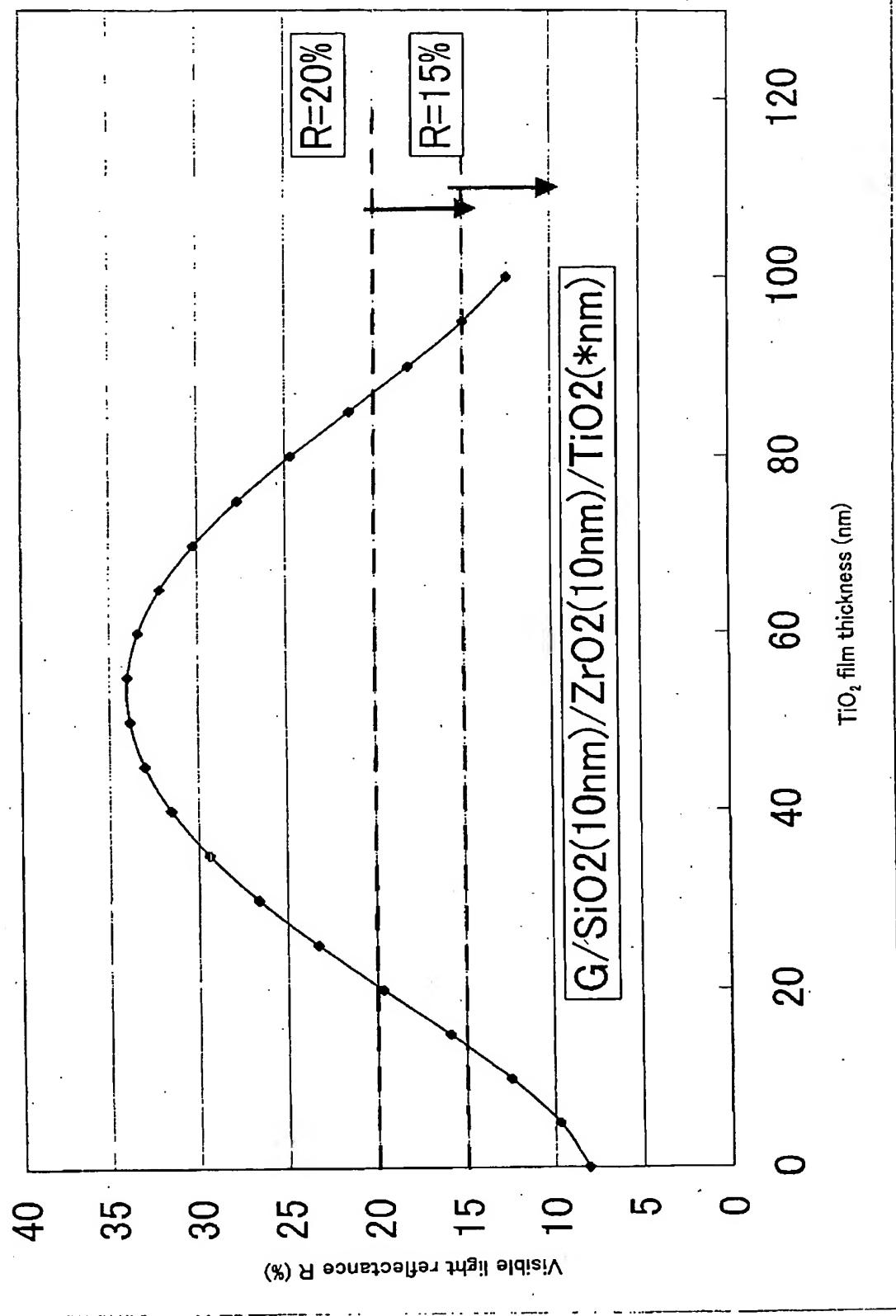


FIG. 6

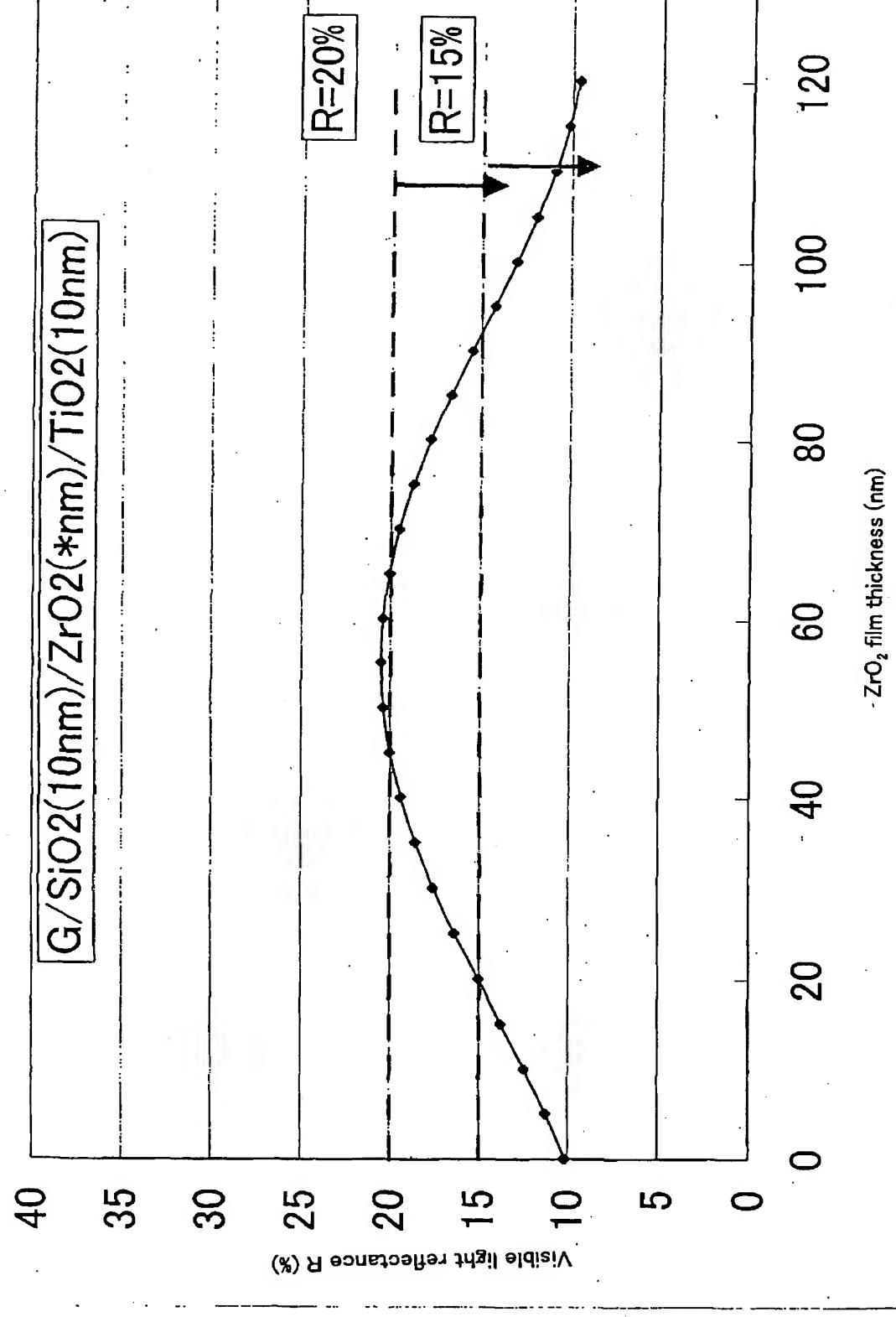


FIG. 7

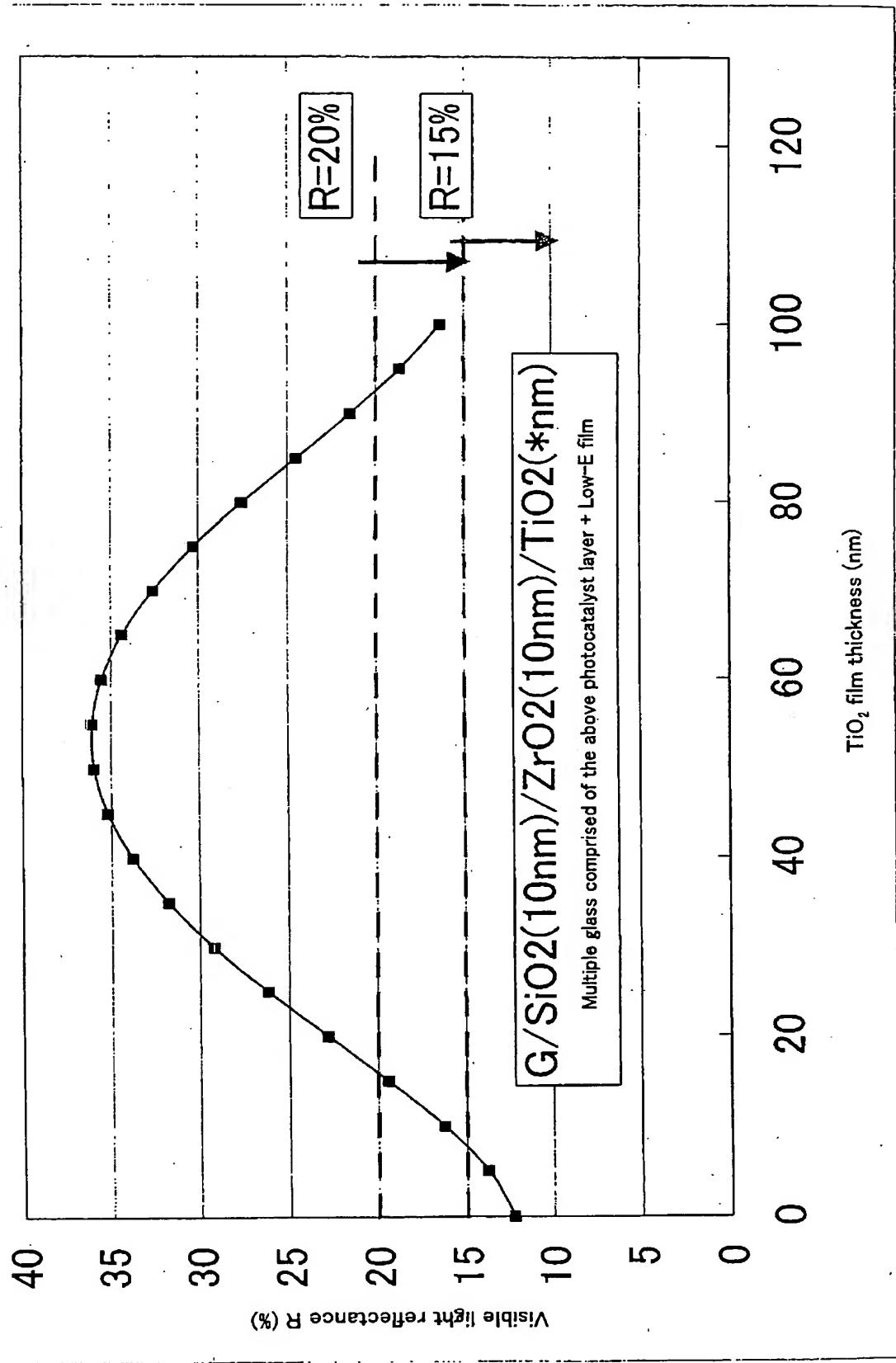


FIG. 8

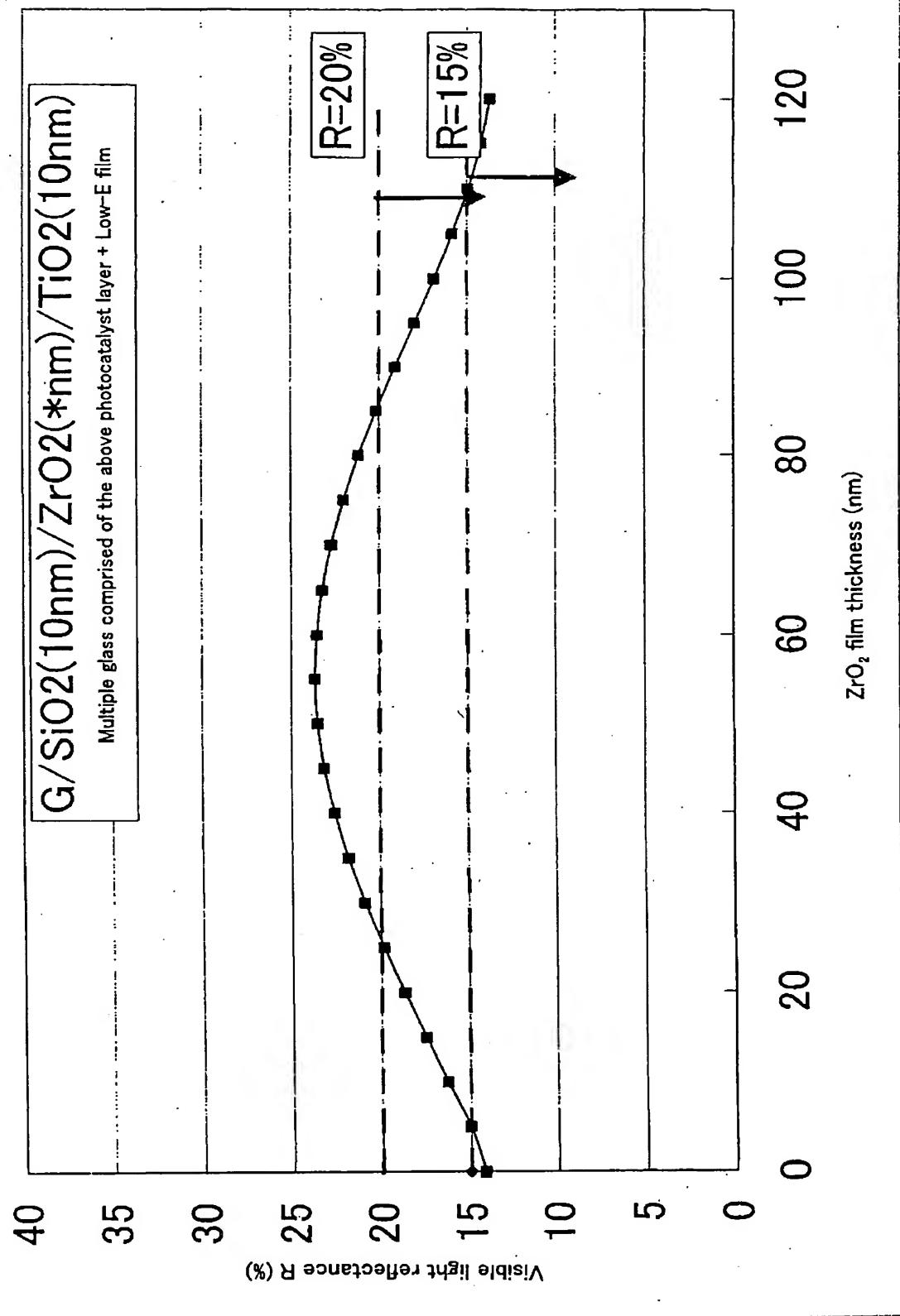


FIG. 9

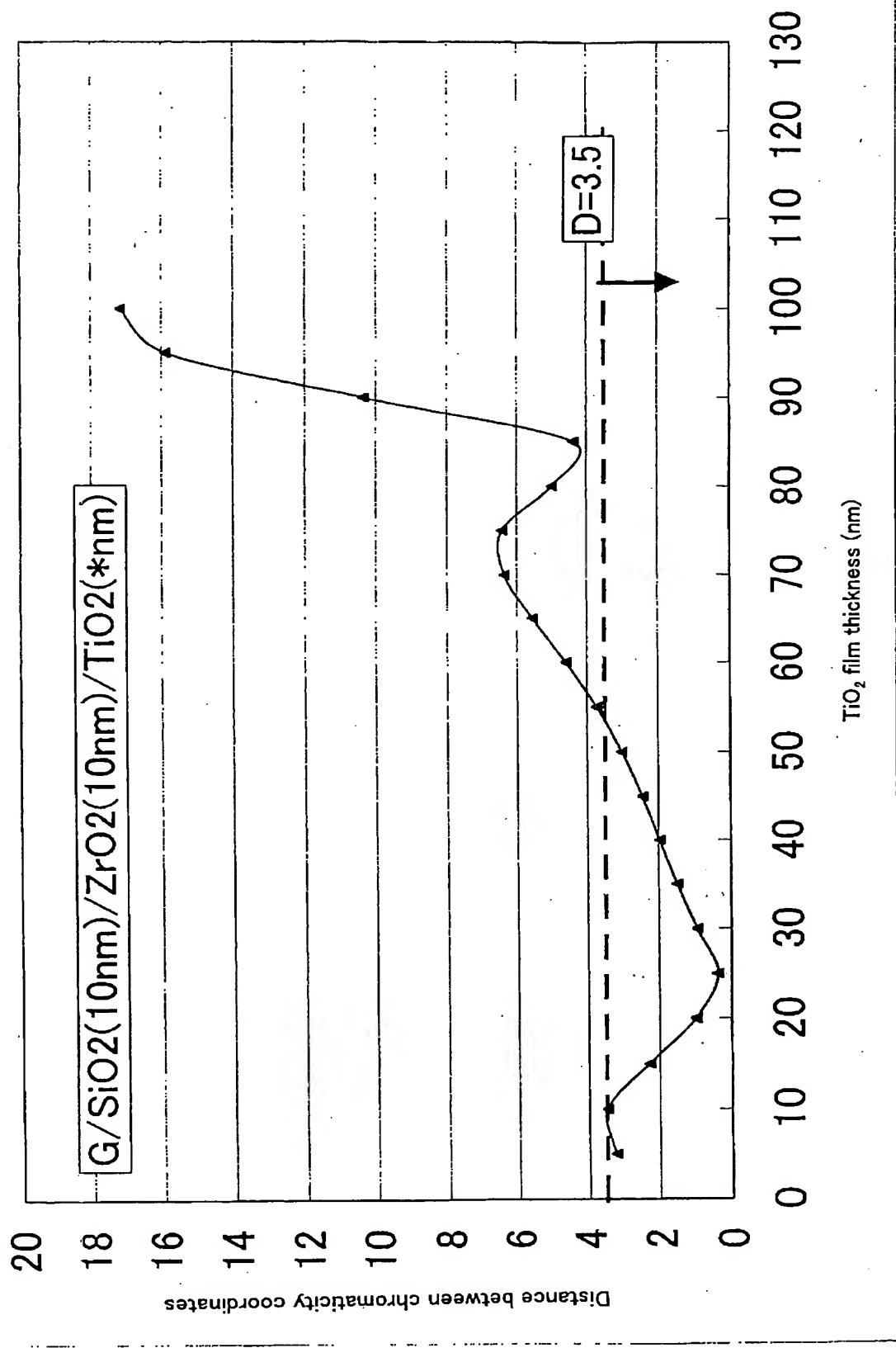


FIG. 10

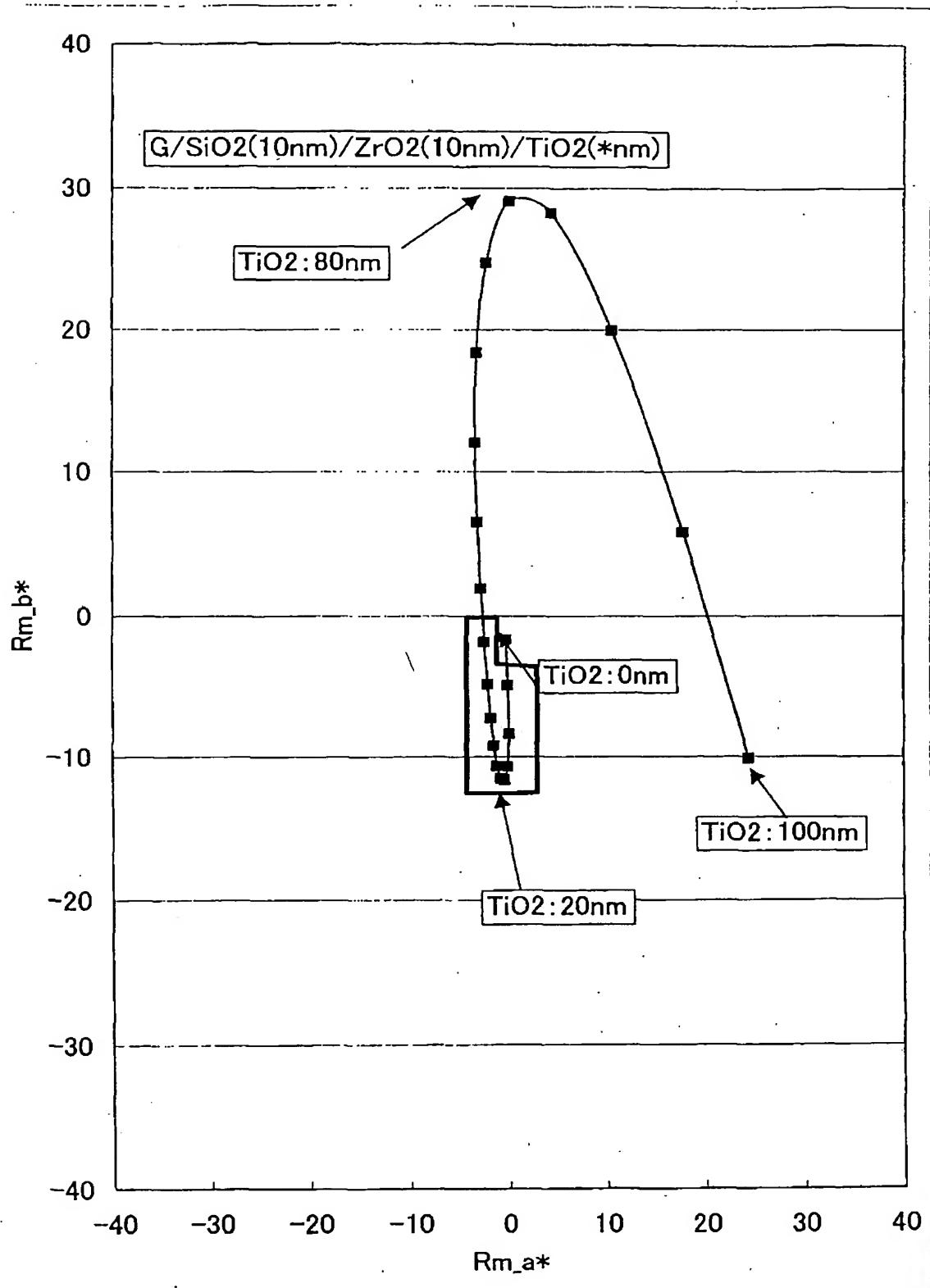


FIG. 11

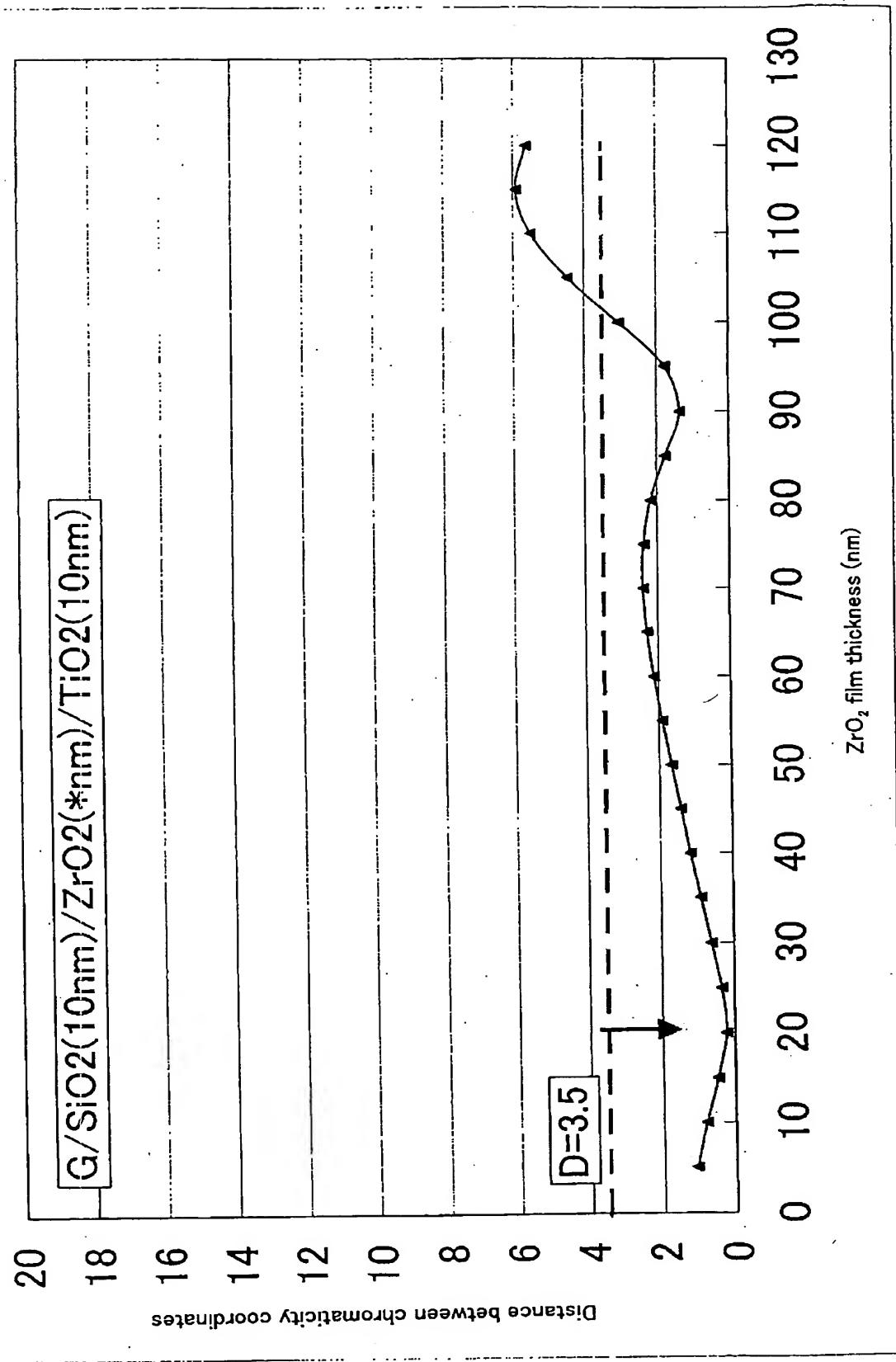


FIG. 12

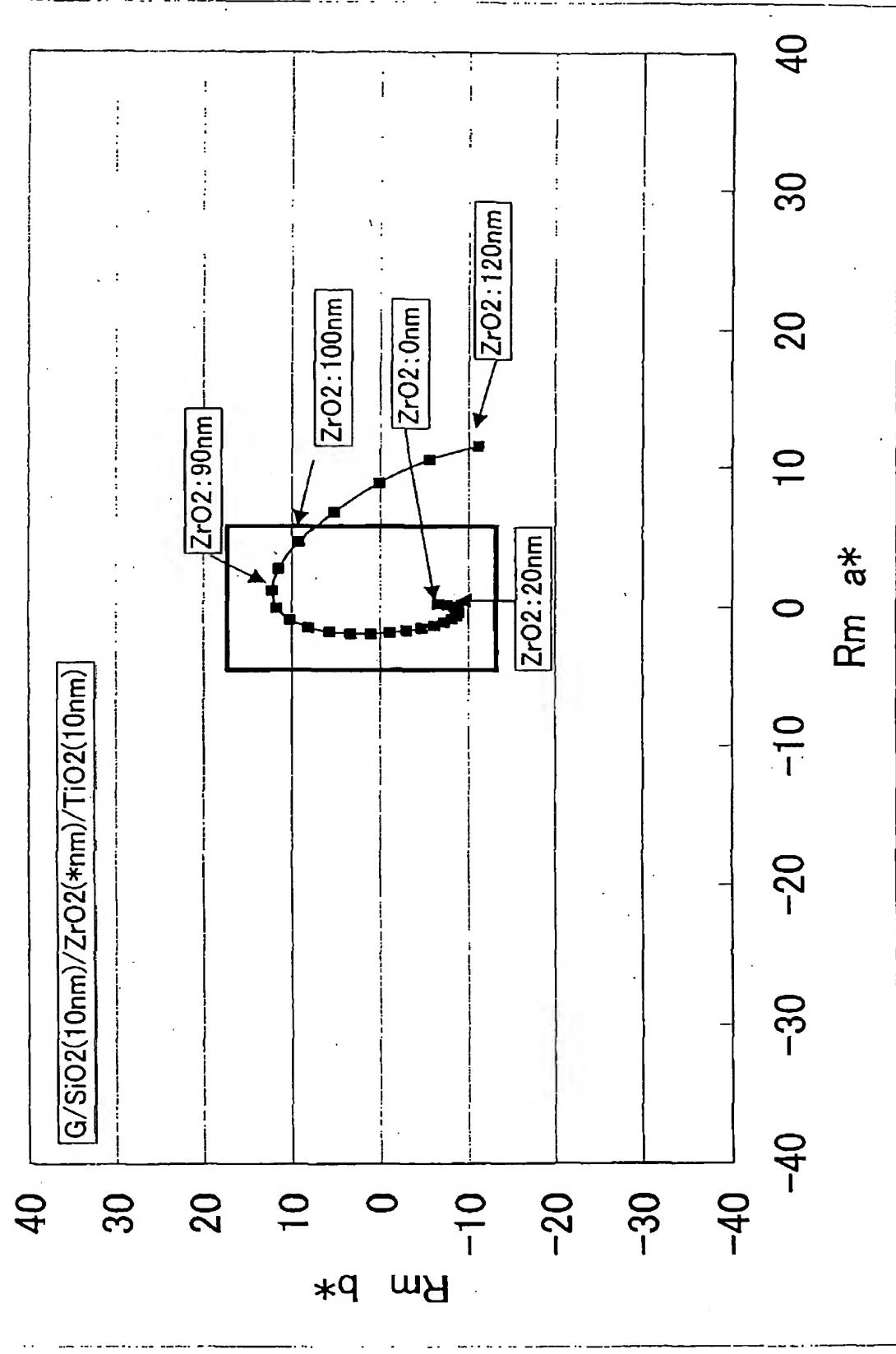


FIG. 13

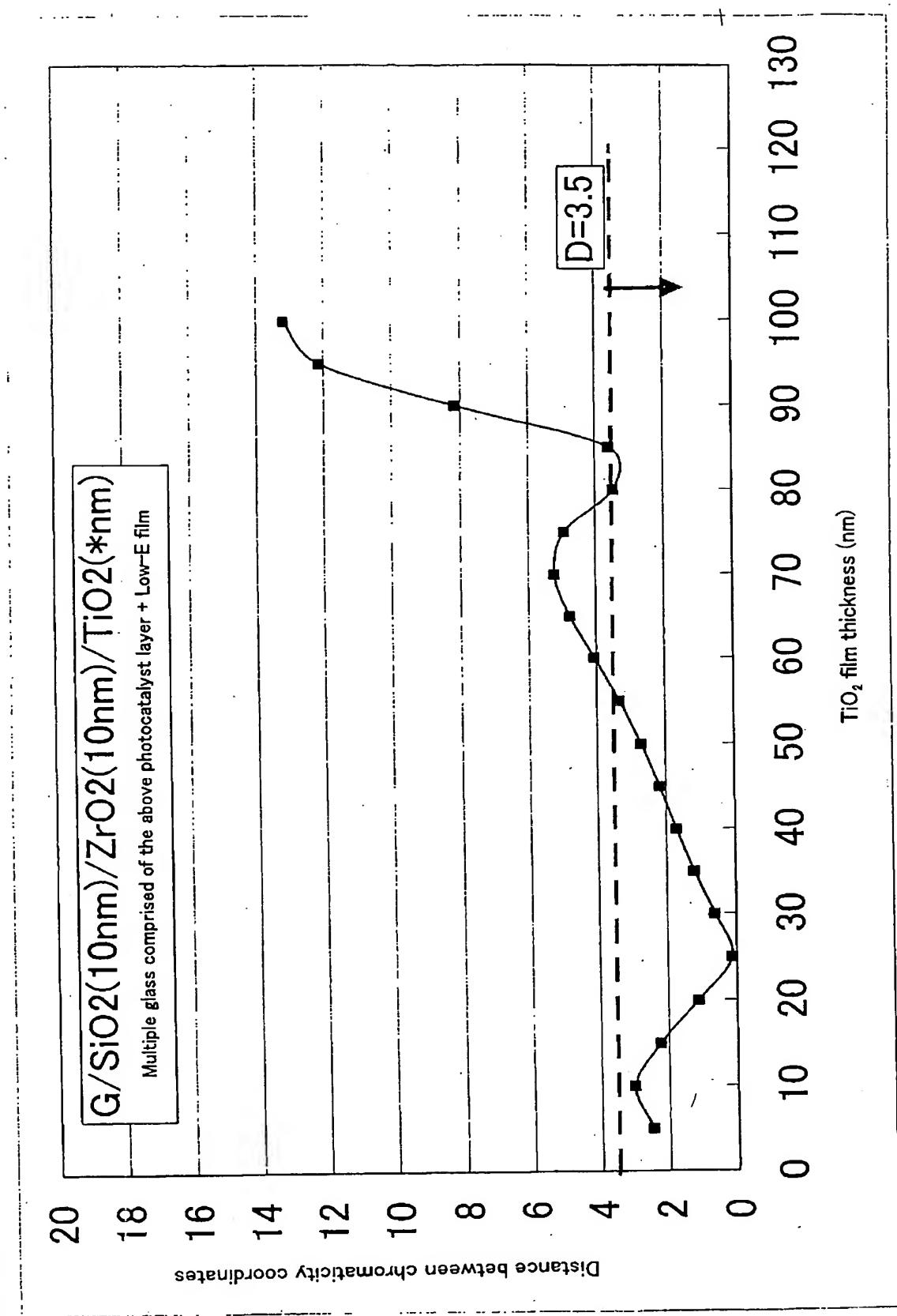


FIG. 14

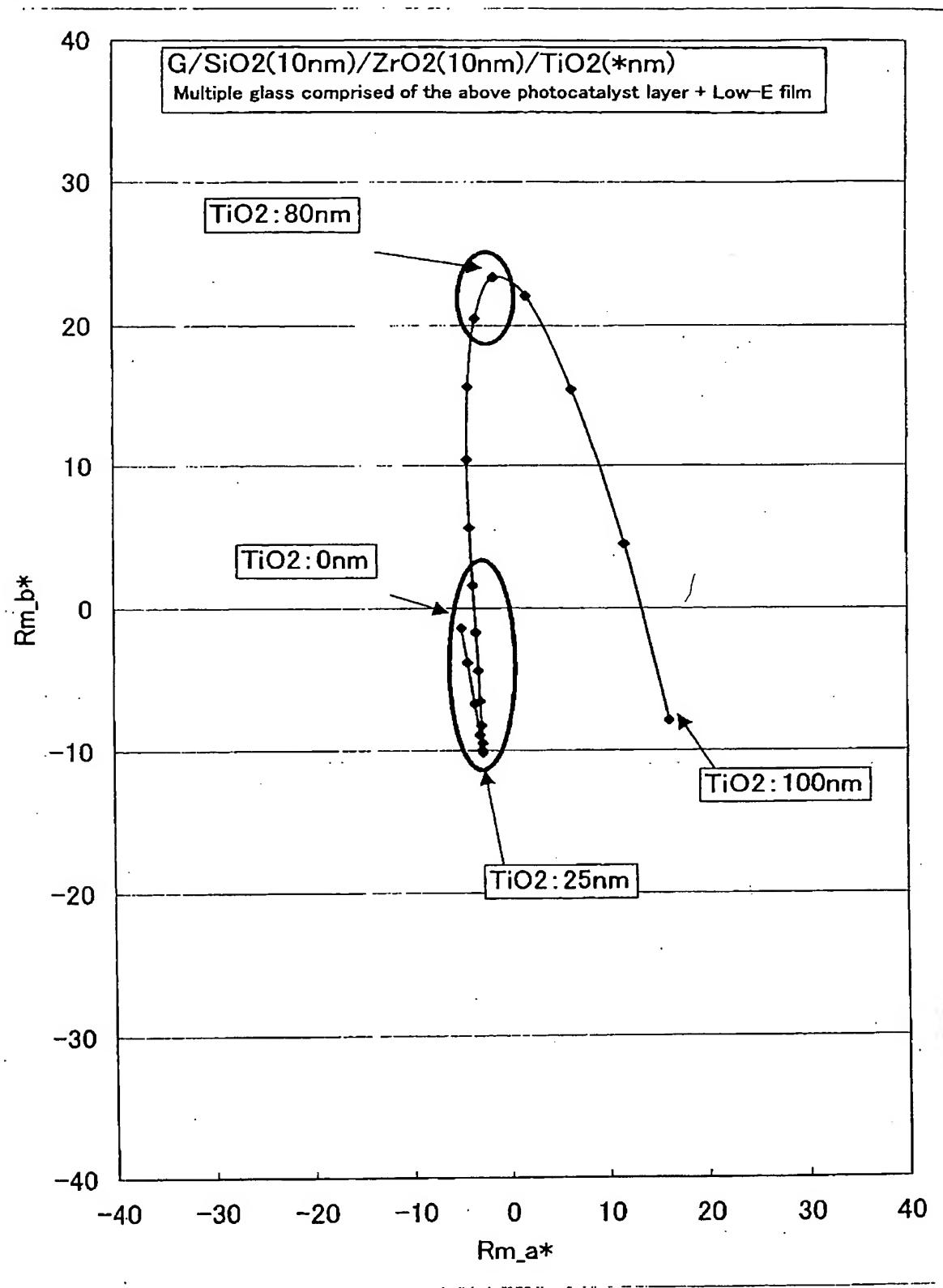


FIG. 15

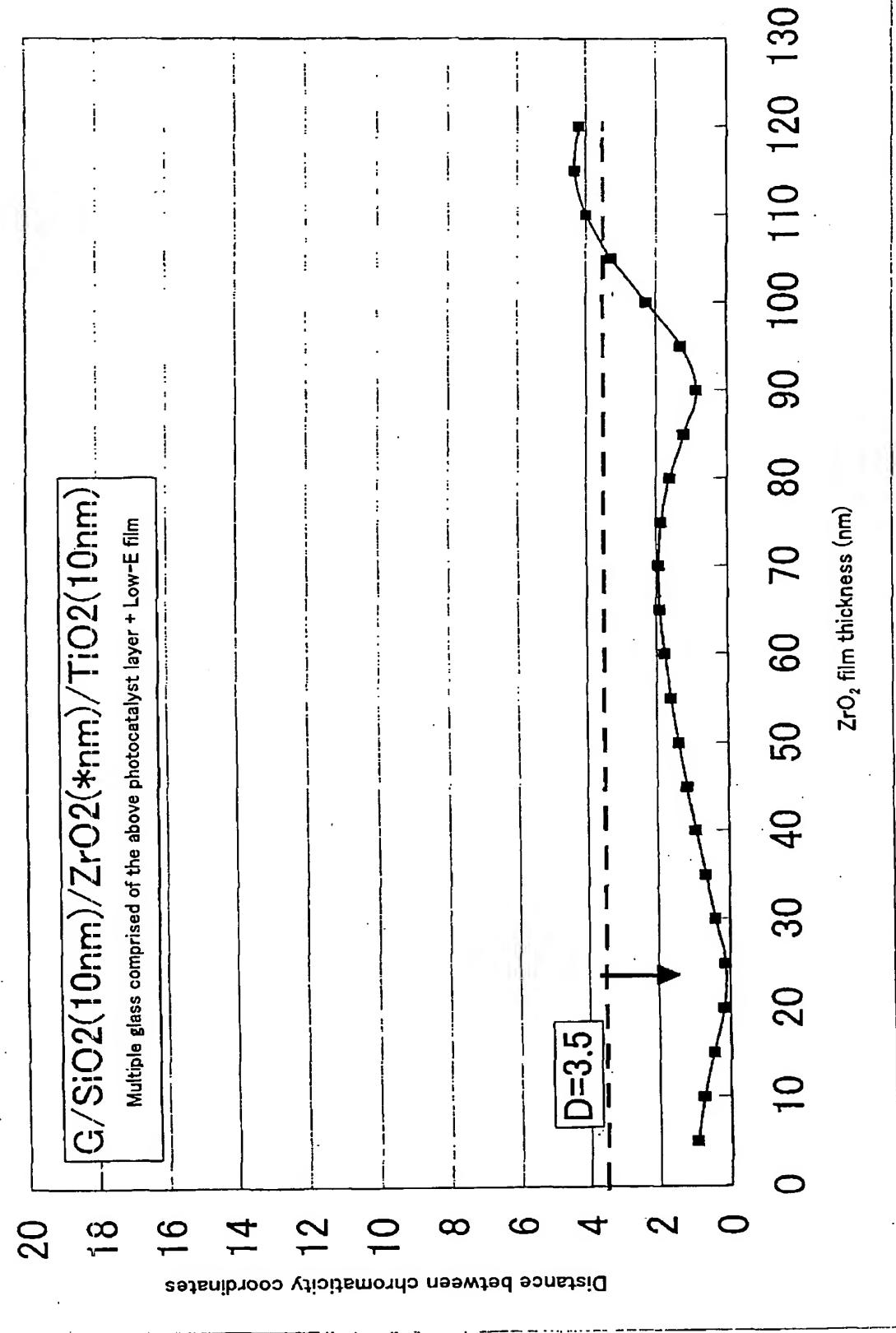


FIG. 16

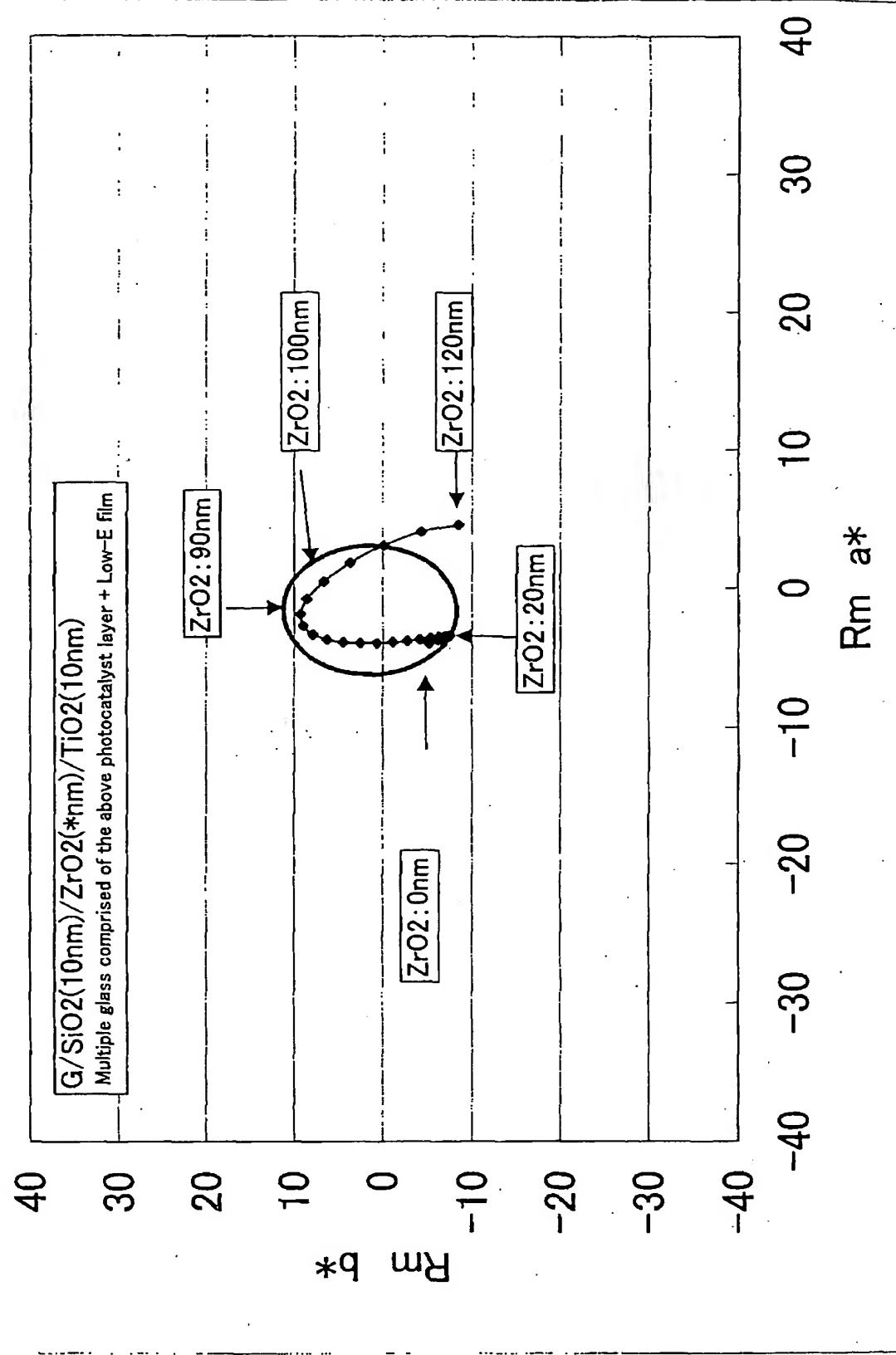
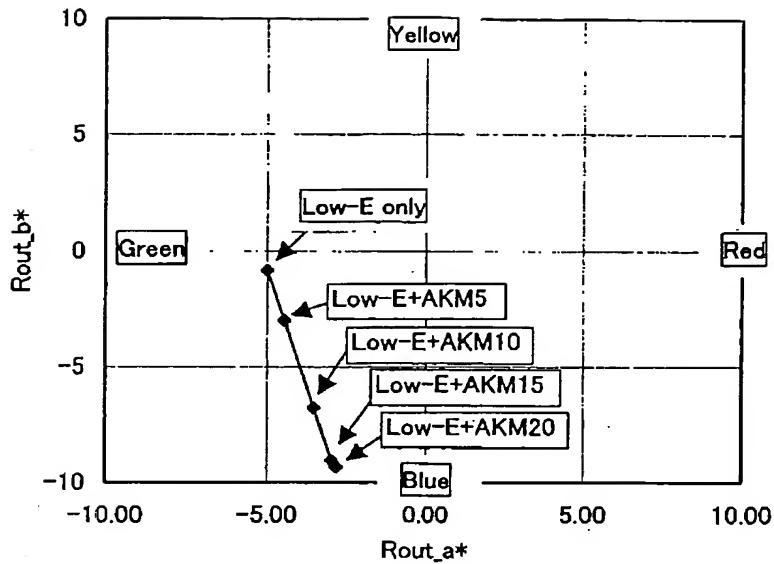


FIG. 17



● Low-E film configuration

:FL/ZnO(35.2nm)/Ag(6.3nm)/ZnO(85.2nm)/Ag(12.1nm)/ZnO(35.2nm)

	Multiple: Low-E only			Multiple: AKM5 + Low-E			Multiple: AKM10 + Low-E		
	T	R1_outside	R2_inside	T	R1_outside	R2_inside	T	R1_outside	R2_inside
a*	-1.51	-5.00	-4.52	-1.56	-4.46	-4.33	-1.62	-3.55	-4.05
b*	-1.58	-0.83	3.59	-0.92	-3.00	1.75	0.64	-6.76	-1.78
VIS	71.20	12.51	14.32	70.16	13.8	15.58	67.79	16.27	16.90

	Multiple: AKM15 + Low-E			Multiple: AKM20 + Low-E		
	T	R1_outside	R2_inside	T	R1_outside	R2_inside
a*	-1.57	-3.00	-4.02	-1.39	-2.85	-4.24
b*	2.24	-9.04	-4.39	3.17	-9.33	-5.33
VIS	63.69	21.64	20.41	59.9	26.27	23.49

VIS = Visible

T = Transmittance

R1_outside = Outdoor side reflection

R2_inside = Indoor side reflection

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